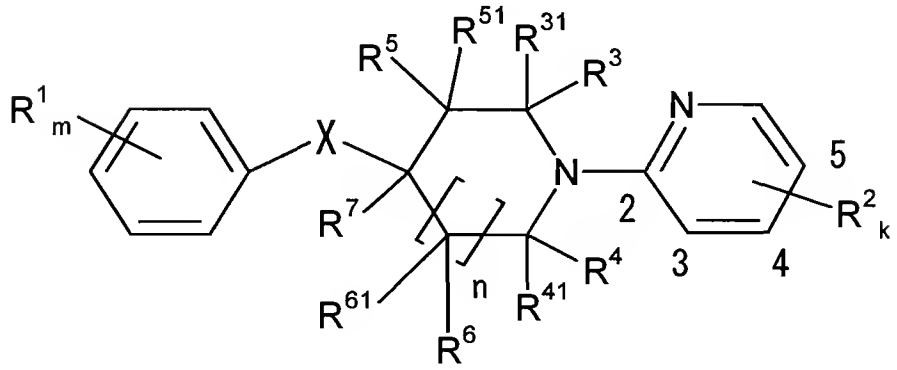
CLAIMS

1. A chemical compound represented by the formula [I]:



[I]

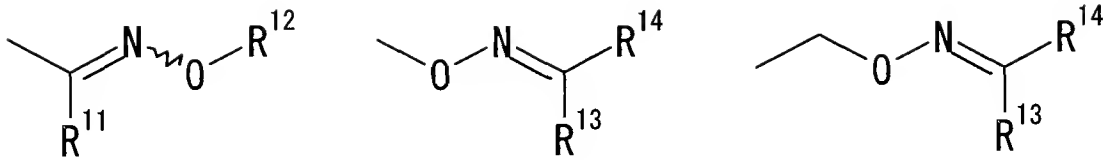
(wherein R^1 represents a hydroxyl group, a halogen atom, a cyano group, a nitro group, a formyl group, a C_{1-6} alkyl group which may be substituted by G^1, a C_{2-6} alkenyl group, a C_{2-6} alkynyl group, a C_{1-6} haloalkyl group, a C_{1-6} haloalkenyl group, a C_{1-6} alkylcarbonyl group, a C_{1-6} alkoxy group which may be substituted by G^2, a C_{1-6} haloalkoxy group, a C_{2-6} alkenyloxy group, a C_{2-6} haloalkenyloxy group, a C_{2-6} alkynyloxy group, a C_{1-6} alkylcarbonyloxy group, a C_{1-6} alkoxycarbonyloxy group, a C_{1-6} alkylthiocarbonyloxy group, an amino group which may be substituted by G^3, a C_{1-6} alkylthio group, a C_{1-6} haloalkylthio group, C_{1-6} alkylsulfinyl group, a C_{1-6} haloalkylsulfinyl group, a C_{1-6} alkylsulfonyl group, a C_{1-6} haloalkylsulfonyl group, a C_{1-6} alkylsulfonyloxy group, a C_{1-6} haloalkylsulfonyloxy group, a heterocyclic group (a five or six membered heterocyclic group having at least one hetero atom selected from an oxygen atom, a nitrogen atom, and a sulfur atom), which may be substituted by G^4, or any one of substituents represented by the following formula:

$-OP(O)(OR^8)SR^9$

$-Y^1C(=Y^2)-Y^3R^8$

-O-A

$-CO_2-R^{10}$



(wherein R^8 and R^9 each independently represents a C_{1-6} alkyl group, Y^1, Y^2, and Y^3 each independently represents an oxygen atom or a sulfur atom, A represents a heterocyclic group (a five or six membered heterocyclic group having at least one hetero atom selected from an oxygen atom and a nitrogen atom), which may be substituted by G^4, R^{10} represents a C_{1-6} alkyl group, a C_{2-6} alkenyl group, a C_{2-6} alkynyl group, a C_{1-6} alkyl C_{1-6} alkoxy group, a C_{1-6} haloalkyl group, or a heterocyclic group (a five or six membered heterocyclic group having at least one hetero atom selected from an oxygen atom, a nitrogen atom, and a sulfur atom), which may be substituted by G^4, R^{11} and R^{12} each independently represents a hydrogen atom, a C_{1-6} alkyl group, a C_{2-6} alkenyl group, or a C_{2-6} alkynyl group, R^{13} and R^{14} each independently represents a C_{1-6} alkyl group, and R^{13} and R^{14} may be bound together to form a ring), m represents 0 or an integer of 1 to 5,

R^2 represents a halogen atom, a nitro group, a C_{1-6} alkyl group, a C_{1-6} alkoxy group, a C_{1-6} haloalkyl group, a heterocyclic group (a five or six membered heterocyclic group having at least one hetero atom selected from an oxygen atom, a nitrogen atom, and a sulfur atom), which may be substituted by G^4, or a C_{1-6} haloalkoxy group, k represents 0 or an integer of 1 to 4,

R^3, R^{31}, R^4, R^{41}, R^5, R^{51}, R^6, R^{61}, and R^7 each independently represents a hydrogen atom, a C_{1-6} alkyl group, a C_{1-6} alkoxycarbonyl group, or a C_{1-6} alkoxy group, and, both R^3 and R^4, or, both R^5 and R^6 may be bound together to form a saturated ring,

X represents an oxygen atom, a sulfur atom, a sulfinyl group, or a sulfonyl group,

G^1 represents a hydroxyl group, a C_{1-6} alkoxycarbonyl group, a C_{1-6} alkoxy group, a C_{1-6} alkoxy C_{1-6} alkoxy group, a heterocyclic group (a five or six membered heterocyclic group having at least one hetero atom selected from an oxygen atom, a nitrogen atom, and a sulfur atom) which may be substituted by G^4, or a C_{3-6} cycloalkyl group,

G^2 represents a hydroxyl group, a cyano group, an amino group which may be substituted by G^4, a C_{1-6} alkoxycarbonyl group, a C_{1-6} alkylthio group, a C_{1-6} alkylsulfonyl group, a C_{1-6} alkoxy group, a C_{1-6} alkoxy C_{1-6} alkoxy group, C_{3-6} cycloalkyl group, or a C_{6-10} aryl group which may be substituted by a halogen atom or a C_{1-6} alkyl group,

G^3 represents a C_{1-6} alkyl group, a C_{1-6} alkylcarbonyl group, or a C_{1-6} alkylsulfonyl group,

G^4 represents a C_{1-6} alkyl group, or a C_{1-6} alkoxy group, and

n represents 0 or 1),

a salt or an N-oxide of the chemical compound represented by formula (1).

2. A chemical compound according to claim 1, wherein a substituent position of R^2 is five position on the pyridine ring.

3. A chemical compound according to any one of claims 1 and 2, wherein at least one of substituent positions of R^1 is two position on the benzene ring.

4. A pest control agent comprising, as its active constituent, the chemical compound of any one of claims 1 to 3.

5. An insecticide comprising, as its active constituent, the chemical compound of any one of claims 1 to 3.

6. An acaricide comprising, as its active constituent, the chemical compound of any one of claims 1 to 3.